



PERMIT INFORMATION

Permit Number: C-1981-018 Mine Name: Deserado Mine Operator: Blue Mountain Energy, Inc. Operator Address: Mr. Kurtis Blunt 3607 County Road 65 Rangely, CO, 81648	County: Moffat, Rio Blanco Operation Type: Underground Permit Status: Active Ownership: Private
	Operator Representative Present: NA
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: September 17, 2020 Inspection Start Time: 09:41 Inspection End Date: September 17, 2020 Inspection End Time: 09:44		Inspection Type: Aerial Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: None	
Post Inspection Agency: None		Post Inspection Contacts: None	
Inspector(s): Clayton Wein Brock Bowles	Inspector's Signature: <i>Clayton Wein</i>		Signature Date: 9/23/2020

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection

N - Availability of Records

N - Backfill & Grading

N - Excess Spoil and Dev. Waste

N - Explosives

N - Fish & Wildlife

Y - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

R - Processing Waste

R - Roads

R - Reclamation Success

N - Revegetation

N - Subsidence

N - Slides and Other Damage

R - Support Facilities On-site

N - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

R - Topsoil

COMMENTS

This was an aerial inspection of the Deserado Mine conducted on September 17, 2020. The photographs taken during the inspection were taken by Brock Bowles of the Division. This inspection report was written by Clayton Wein of the Division. The weather was clear with a high temperature of 85 degrees F. The ground conditions were dry.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11**Drainage Control; Surface Stabilization; Placement:**

The RP-2/3/4 Refuse Pile was stable during the inspection (Photo 1). The refuse on top of the pile had been spread out and compacted. The slopes of the pile showed localized erosion in the form of rills. These rills have been documented in previous Division inspection reports. The slopes of the pile will be included in the spring maintenance list in 2021. The rills do not appear to affect the stability of the refuse pile. The perimeter ditches for the pile were dry. The ditches were clear from obstructions and stable.

The RP-5a Refuse Pile was stable (Photo 2). The refuse on top of the pile had been spread out and compacted. The slopes of the pile have localized erosion on them in the form of rills. The rills do not appear to be deep enough to affect the stability of the pile. The rills on the slopes have been documented in previous Division inspection reports. The rills will be included on the spring maintenance list for 2021. The perimeter ditches for the pile were dry and stable. There were no indications of erosional issues.

The placement of refuse material on the new RP-A Refuse Pile has progressed over the last few months. Material has been added to the pile to help create the first lifts of the base of the pile (Photo 3). Material placed on the pile has remained in place and no visible slumping was identified. The perimeter ditches for the pile were stable and clear of debris. There were no indications of erosional features at the site.

ROADS – Rule 4.03

Construction 4.03.1(3)/4.03.2(3), Drainage 4.03.1(4)/4.03.2(4), Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6), Reclamation 4.03.1(7)/4.03.2(7):

The Haul Road was in good condition at the time of the inspection (Photo 4). The road had no indications

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of erosional features or instability. The ditches for the Haul Road were clear of debris and dry. Access roads throughout the site appeared to be well kept. There were no erosional concerns identified or indications of instability.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

The RP-1 Refuse Pile is the only reclaimed pile at the mine site (Photo 5). The pile has been reclaimed for several years. The pile was vegetated and stable. There were no erosional features identified. The perimeter ditches were clear of debris and dry during the inspection. Several large rocks can be seen on top of the reclaimed pile. These rocks were placed there to create wildlife habitat.

SUPPORT FACILITIES - Rule 4.04:

Support Facilities inspected include;

- Main Facilities/Portals (Photo 6)
- Fuel Storage Area
- Explosives Storage
- Water Storage Tanks
- Radio Tower
- West Mains Vent Shaft
- Rock Dust Hole No. 2 (Photo 7)
- Conveyor System/Transfer Buildings (Photo 4)
- Slot Storage (Photo 8)

The pads for the above mentioned facilities were in good condition. There was no evidence of erosional features. Berms for the pads were well vegetated and stable. Cut-slopes for the pads were stable and no sloughing was observed.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

Topsoil Piles seen throughout the inspection were covered with vegetation and stable. There were no erosional concerns identified. The perimeter ditches for the piles were stable and had no erosional issues.

DOCUMENTS RECEIVED: None

OTHER (SPECIFY): None

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ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

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PHOTOGRAPHS

Note: The red arrows in the Photos indicates the direction of north.



Photo 1: The RP-2/3/4 Refuse Pile.



Photo 2: The RP-5a Refuse Pile.

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Photo 3: The RP-A Refuse Pile.



Photo 4: The intersection between the Haul Road and the Conveyor Corridor.

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Photo 5: The RP-1 Reclaimed Refuse Pile.



Photo 6: The Main Facilities and Portals Area.

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Photo 7: The RDH-2 (Rock Dust Hole) Pad.



Photo 8: The Slot Storage Facility.

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